



## SEQUENCE LISTING

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<120> GENOME SEQUENCE TAGS

<130> BSA 02-16

<140> 10/791,074

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<150> 10/113,916

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<160> 95

<170> PatentIn Ver. 3.2

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oligonucleotide

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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

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oligonucleotide

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oligonucleotide

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<223> Description of Artificial Sequence: Primer

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21

<210> 14

<211> 17

<212> DNA

<213> Yersinia pestis

<400> 14

atctggaggt tcggttc

17

<210> 15

<211> 17

<212> DNA

<213> Yersinia pestis

<400> 15

cgtcattctcg ctgaacg

17

<210> 16

<211> 17

<212> DNA

<213> Yersinia pestis

<400> 16

gatgtattta cggcgtc

17

<210> 17

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<213> Yersinia pestis

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ccctgcggta cgggagc

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17

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aatcctcacc taaccga

17

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<400> 25  
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<210> 26  
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<400> 26  
aaccgcgtat caatcag 17

<210> 27  
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tgcgttttca ggacggt 17

<210> 28  
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ttggatccga aggggtt 17

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<210> 30  
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<223> Description of Unknown Organism: Escherichia coli  
or Yersinia pestis

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gccgcttaac cgccgca

17

<210> 31

<211> 17

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<213> Unknown Organism

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<223> Description of Unknown Organism: Mycobacterium leprae  
or Mycobacterium tuberculosis

<400> 31

gatcgccgat cgtcccg

17

<210> 32

<211> 17

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<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Mycobacterium leprae  
or Mycobacterium tuberculosis

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gcaacgatat tggtagac

17

<210> 33

<211> 17

<212> DNA

<213> Unknown Organism

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<223> Description of Unknown Organism: Mycobacterium leprae  
or Mycobacterium tuberculosis

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ccgccccgga aatcacc

17

<210> 34

<211> 17

<212> DNA

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Mycobacterium leprae  
or Mycobacterium tuberculosis

<400> 34  
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17

<210> 35  
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<220>  
<223> Description of Unknown Organism: Mycobacterium leprae  
or Mycobacterium tuberculosis

<400> 35  
ggctgtgggt ggcgttc

17

<210> 36  
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<220>  
<223> Description of Unknown Organism: Pyrococcus abyssi  
or Pyrococcus horikoshii

<400> 36  
cttggccgct acaccac

17

<210> 37  
<211> 17  
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<220>  
<223> Description of Unknown Organism: Mycobacterium leprae  
or Mycobacterium tuberculosis

<400> 37  
ctccgccgct tgtgcgg

17

<210> 38  
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<220>  
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or Mycobacterium tuberculosis

<400> 38  
gtggatgcct tggcatc

17



<210> 39  
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 <213> Unknown Organism

<220>

<223> Description of Unknown Organism: *Mycobacterium leprae*  
 or *Mycobacterium tuberculosis*

<400> 39  
 gcgacccagg aacagca

17

<210> 40  
 <211> 17  
 <212> DNA  
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<220>

<223> Description of Unknown Organism: *Mycobacterium leprae*  
 or *Mycobacterium tuberculosis*

<400> 40  
 ggagtcgatg ttatcgg

17

<210> 41  
 <211> 17  
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<223> Description of Unknown Organism: *Mesorhizobium loti*  
 or *Sinorhizobium liloti*

<400> 41  
 aagccggtcg ccatcat

17

<210> 42  
 <211> 17  
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<223> Description of Unknown Organism: *Chlamydia muridarum*  
 or *Chlamydia trachomatis*

<400> 42  
 gtgacttctg cggatgt

17

<210> 43  
 <211> 17  
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<223> Description of Unknown Organism: Mesorhizobium loti  
or Sinorhizobium liloti

<400> 43

tgacaccggaa tgcggat

17

<210> 44

<211> 17

<212> DNA

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Thermoplasma acidophilum  
or Thermoplasma volcanium

<400> 44

caccacctct ccttcta

17

<210> 45

<211> 17

<212> DNA

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Agrobacterium tumefaciens  
or Sinorhizobium meliloti

<400> 45

tcggacagaa ccttgcg

17

<210> 46

<211> 17

<212> DNA

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Mesorhizobium loti  
or Sinorhizobium liloti

<400> 46

acgccgaagg tgatggc

17

<210> 47

<211> 17

<212> DNA

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Chlamydia muridarum  
or Chlamydia trachomatis

<400> 47  
aacgaagatc aatttcc

17

<210> 48  
<211> 17  
<212> DNA  
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<220>  
<223> Description of Unknown Organism: Haemophilus influenzae  
or Pasteurella multocida

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aattagaaaa ttatgac

17

<210> 49  
<211> 17  
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or Sinorhizobium meliloti

<400> 49  
cggacttcgg tcggctt

17

<210> 50  
<211> 17  
<212> DNA  
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<220>  
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or Pyrococcus horikoshii

<400> 50  
ctctcaacgt agggaac

17

<210> 51  
<211> 17  
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<220>  
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or Chlamydia trachomatis

<400> 51  
cccatcacta tcaagcc

17

<210> 52  
 <211> 17  
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<220>  
 <223> Description of Unknown Organism: *Mycoplasma genitalium*  
 or *Mycoplasma pneumoniae*

<400> 52  
 agcaggttga aggttga 17

<210> 53  
 <211> 17  
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<220>  
 <223> Description of Unknown Organism: *Agrobacterium tumefaciens*  
 or *Sinorhizobium meliloti*

<400> 53  
 atgcgcaagt gccatct 17

<210> 54  
 <211> 17  
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<220>  
 <223> Description of Unknown Organism: *Pyrococcus abyssi*  
 or *Pyrococcus horikoshii*

<400> 54  
 caggtcggca tttaacc 17

<210> 55  
 <211> 17  
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<220>  
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 or *Thermoplasma volcanium*

<400> 55  
 aaggttcaac gtgggtc 17

<210> 56  
 <211> 17  
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<220>

<223> Description of Unknown Organism: Chlamydia muridarum  
or Chlamydia trachomatis

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cggggaaacg tagtagc

17

<210> 57

<211> 17

<212> DNA

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Mesorhizobium loti  
or Sinorhizobium meliloti

<400> 57

cacaagatcc aggaccg

17

<210> 58

<211> 17

<212> DNA

<213> Unknown Organism

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<223> Description of Unknown Organism: Chlamydia muridarum  
or Chlamydia trachomatis

<400> 58

agctaaccac attttgt

17

<210> 59

<211> 17

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<213> Unknown Organism

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<223> Description of Unknown Organism: Clostridium acetobutylicum  
or Pyrococcus horikoshii

<400> 59

cagcactcca tatttta

17

<210> 60

<211> 23

<212> DNA

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<210> 61  
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<400> 61  
 gatctcccta tagtgagtcg tattacg 27

<210> 62  
 <211> 20  
 <212> DNA  
 <213> Deinococcus radiodurans

<400> 62  
 gtacggcgcg gacgctctgc 20

<210> 63  
 <211> 20  
 <212> DNA  
 <213> Deinococcus radiodurans

<400> 63  
 gtactatttc tgagcctcga 20

<210> 64  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 64  
 ttaattccga taacgaacga 20

<210> 65  
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<400> 65  
 ttaaacagtt gggctgcgct 20

<210> 66  
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41

<210> 67

<211> 26

<212> DNA

<213> Artificial Sequence

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oligonucleotide

<400> 67

tacgtcggat taagcctagt tgaatt

26

<210> 68

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 68

ctgagccagg atcaaactct

20

<210> 69

<211> 22

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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ggatttgctg gtcgaattca ac

22

<210> 70

<211> 58

<212> DNA

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<222> (42)..(58)

<223> a, t, c or g

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ggatttgctg gtcgaattca actaggctta atccgacgta cnnnnnnnnn nnnnnnnn 58

<210> 71

<211> 56

<212> DNA

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<223> a, t, c or g

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nnnnnnnnnn nnnnngtacg tcggattaag cctagttgaa ttcgaccagc aaatcc 56

<210> 72

<211> 43

<212> DNA

<213> Artificial Sequence

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oligonucleotide

<400> 72

tttgtacggc ggagacgtcc gccactagtgc tcgcaactga cta 43

<210> 73

<211> 45

<212> DNA

<213> Artificial Sequence

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oligonucleotide

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<222> (44)..(45)

<223> a, t, c or g

<400> 73

tagtcagttg cgacactagt ggcggacgtc tccgccgtac aaann 45



<210> 74  
 <211> 20  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: Primer

<400> 74  
 ggatttgctg gtcgaattca 20

<210> 75  
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<220>  
 <223> Description of Artificial Sequence: Primer

<400> 75  
 tagtcagttg cgacactagt ggc 23

<210> 76  
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<400> 76  
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<210> 77  
 <211> 39  
 <212> DNA  
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<400> 77  
 taagtcggat tagcctagtt gtactcgacc agcaaattcc 39

<210> 78  
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 <212> DNA  
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cccttaagcg gagacgtccg ccactagtgt cgcaactgac ta 42

<210> 79  
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oligonucleotide

<220>  
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<223> a, t, c or g

<400> 79  
tagtcagttg cgacactagt ggcggacgtc tccgcttaag ggnn 44

<210> 80  
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oligonucleotide

<400> 80  
tccggtctac tgaattccga accgaggagg gcccatccga c 41

<210> 81  
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oligonucleotide

<400> 81  
gtcggatggg cc 12

<210> 82  
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<400> 82  
tccggtctac tgaattccga ac 22

<210> 83  
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oligonucleotide

<400> 83  
catgacgcta cgtccgtgtt gtcggtcctg 30

<210> 84  
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<223> a, t, c or g

<400> 84  
actacgcacc ggacgagacg tagcgtcatg nn 32

<210> 85  
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<400> 85  
tccggtctac tgaattccga ac 22

<210> 86  
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<220>  
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<400> 86  
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<210> 87  
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<220>  
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oligonucleotide

<400> 87  
tccggtctac tgaattccga accccttgcg gccgc 35

<210> 88  
<211> 14  
<212> DNA  
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<220>  
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oligonucleotide

<400> 88  
gcggccgcaa gggg 14

<210> 89  
<211> 22  
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<213> Artificial Sequence

<220>  
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<400> 89  
tccggtctac tgaattccga ac 22

<210> 90  
<211> 43  
<212> DNA  
<213> Artificial Sequence

<220>  
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oligonucleotide

<400> 90  
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<210> 91  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence

<220>  
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<400> 91  
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<210> 92  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence

<220>  
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 oligonucleotide

<400> 92  
 tttcatggcg gagacgtccg ccactagtgt cgcaactgac ta 42

<210> 93  
 <211> 43  
 <212> DNA  
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<220>  
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 oligonucleotide

<220>  
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 <222> (1)..(2)  
 <223> a, t, c or g

<400> 93  
 nnaaagtacc gcctctgcag gctgtagatg cactcgagct tgc 43

<210> 94  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Primer

<400> 94  
 ggatttgctg gtcgagtaca 20

<210> 95  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 95  
cgttcgagct cacgtagatg tc